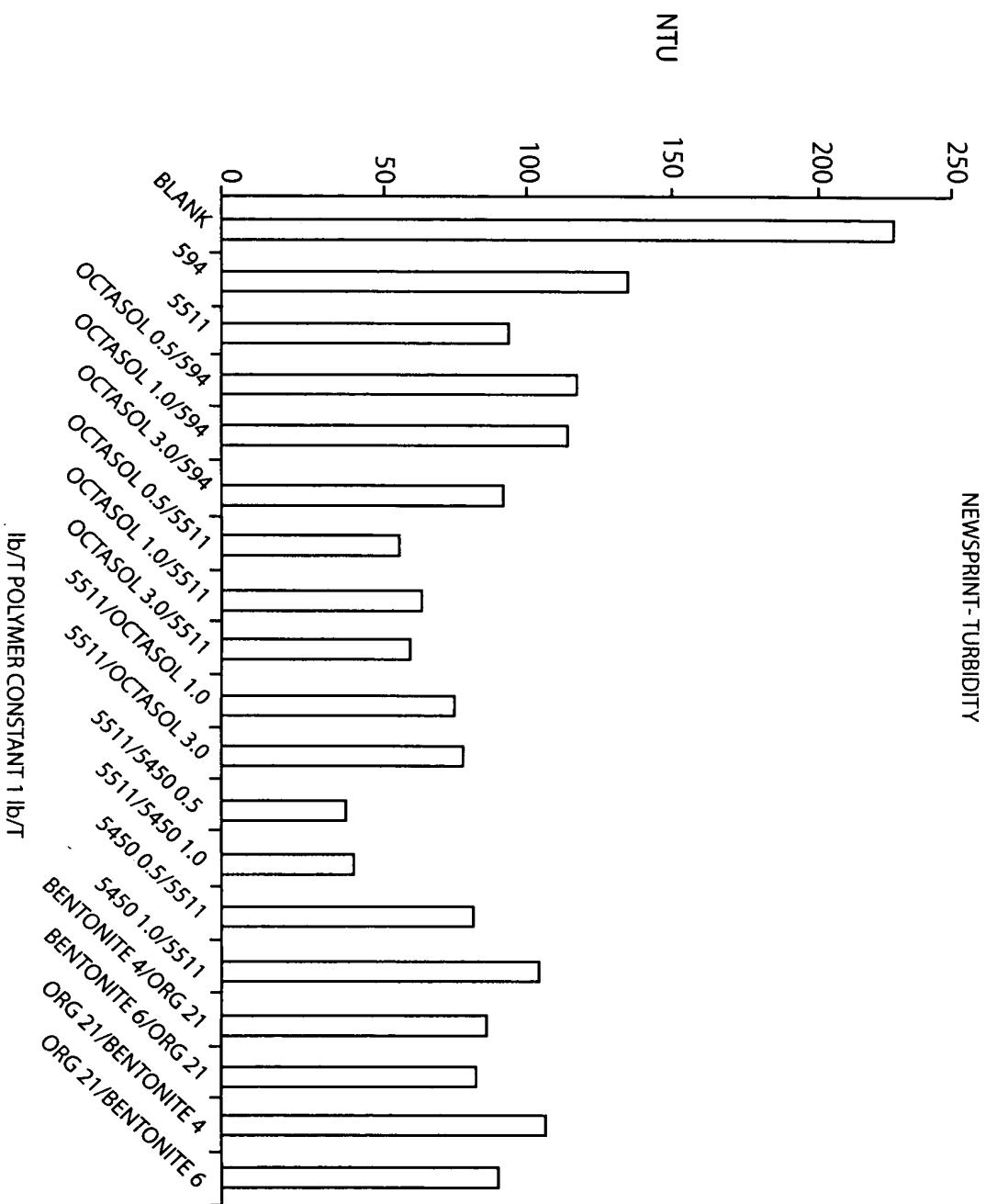




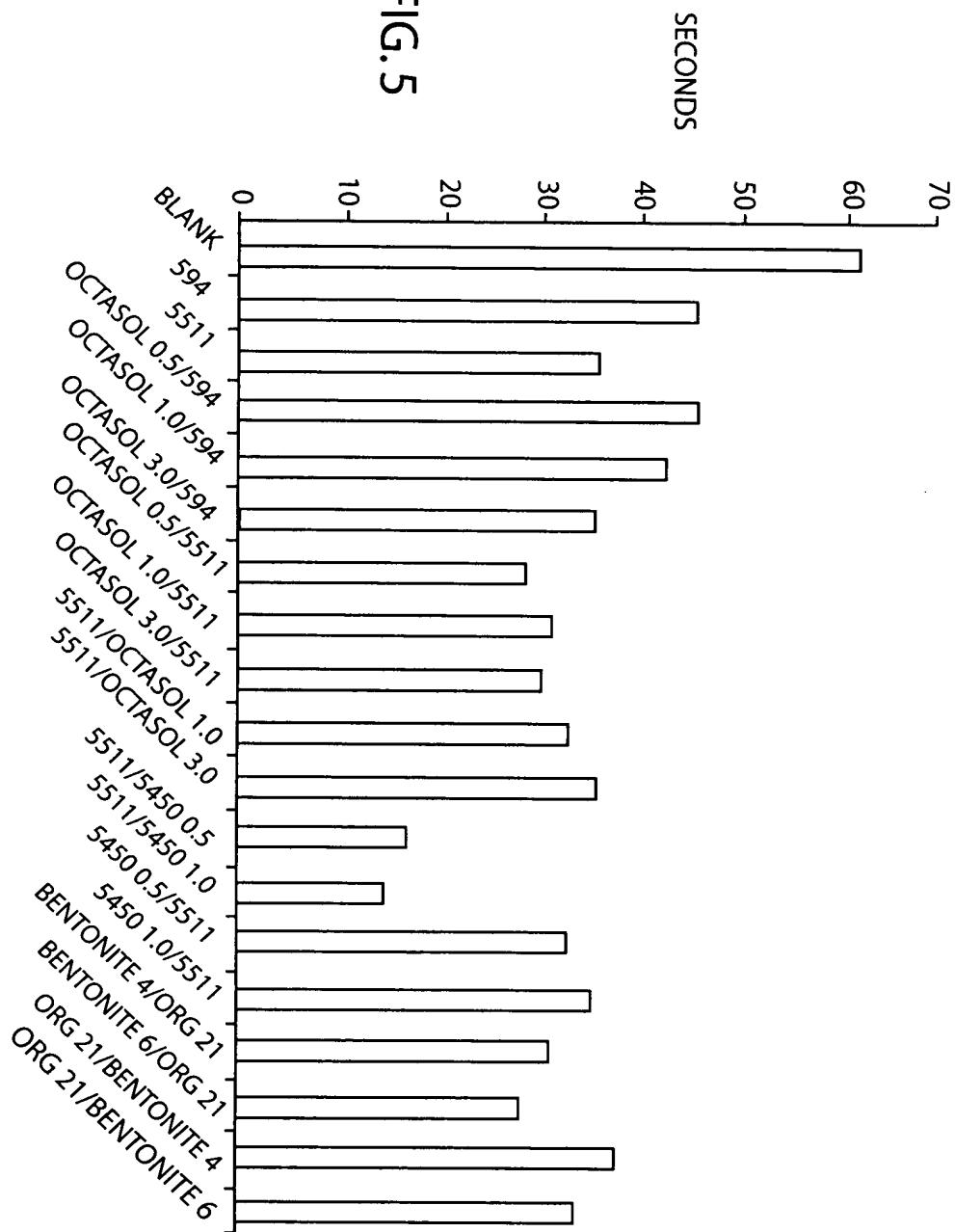
FIG. 4





NEWSPRINT  
DRAINAGE 200 ml.

FIG. 5



lb/T - POLYMER CONSTANT 1 lb/T

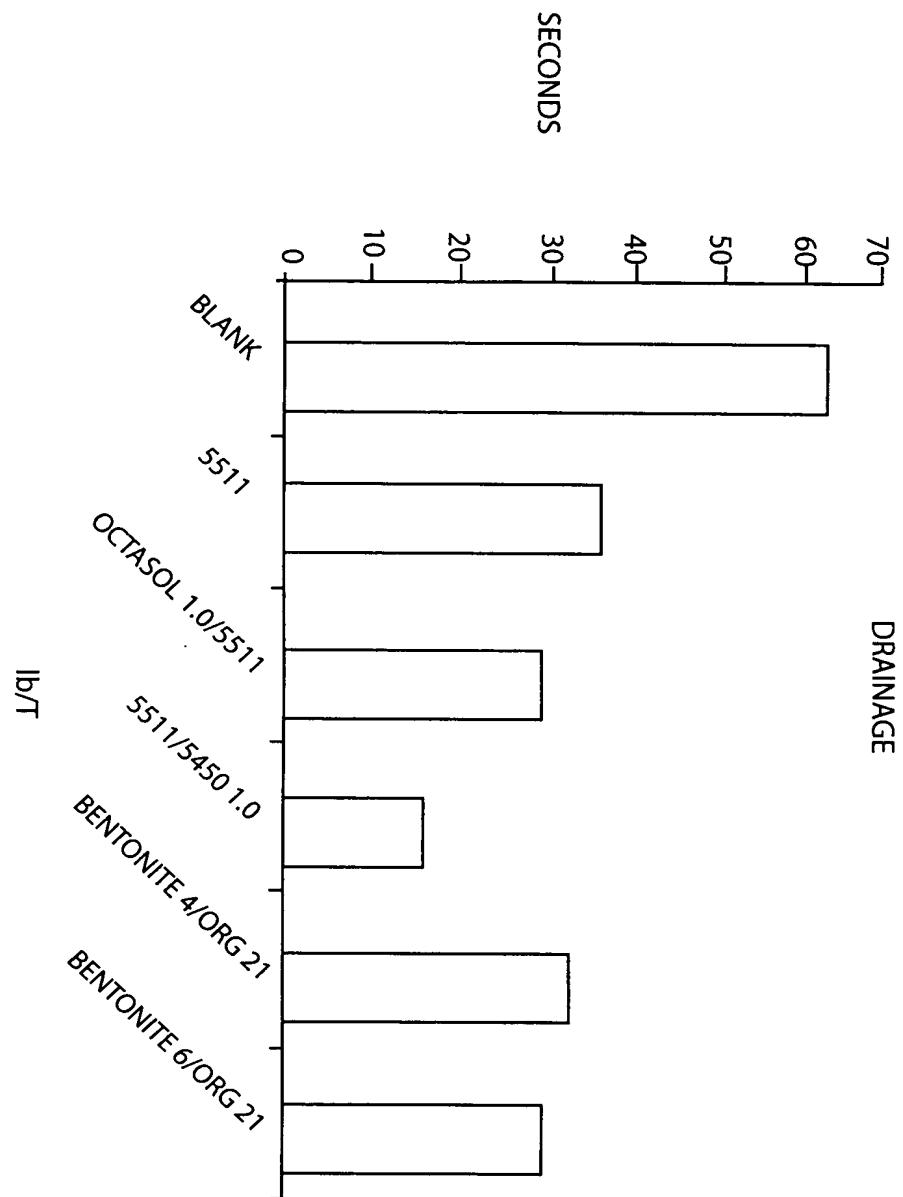


FIG. 6

COMPARISON AGAINST DUAL COMPONENT SYSTEM

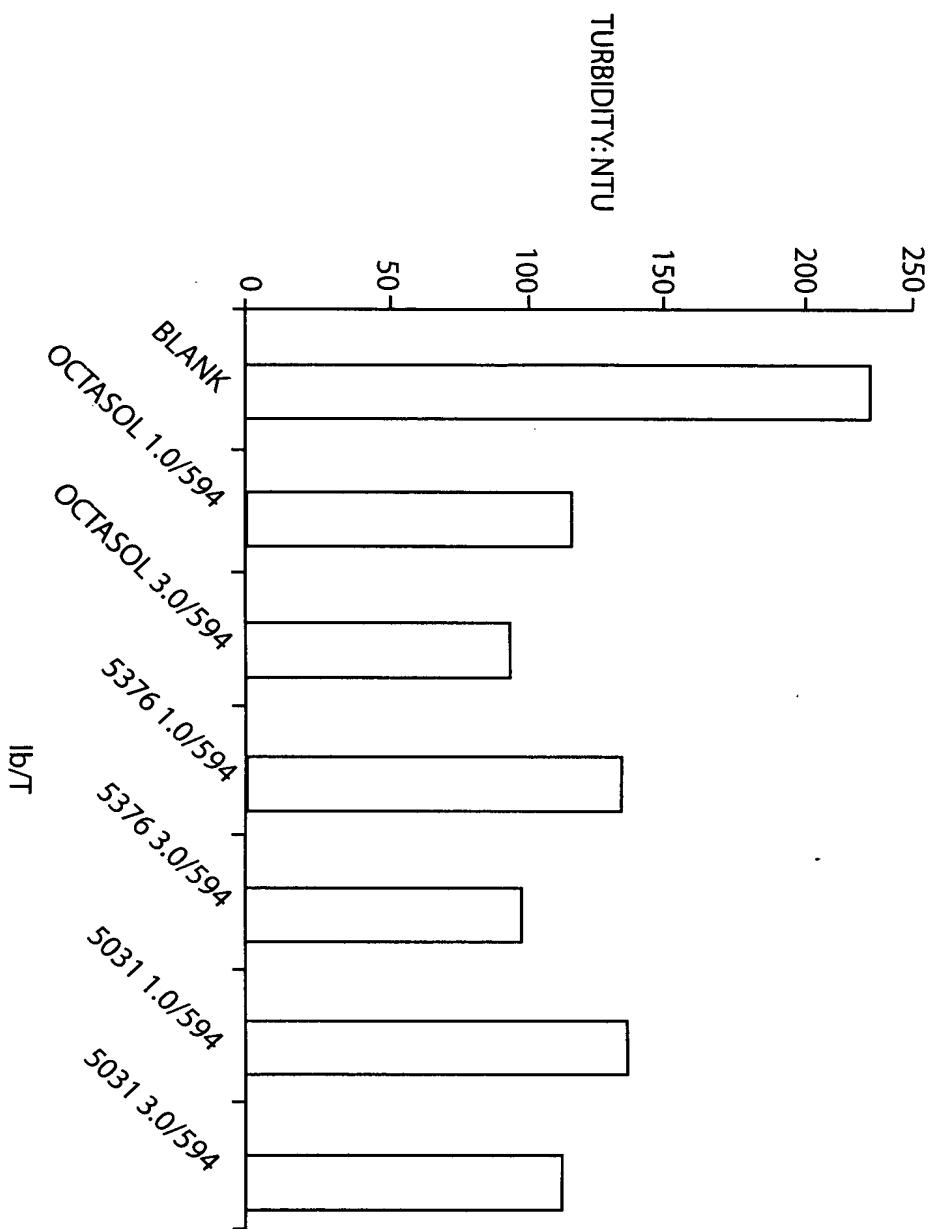


FIG. 7





COMPARISON AGAINST DUAL COMPONENT SYSTEM

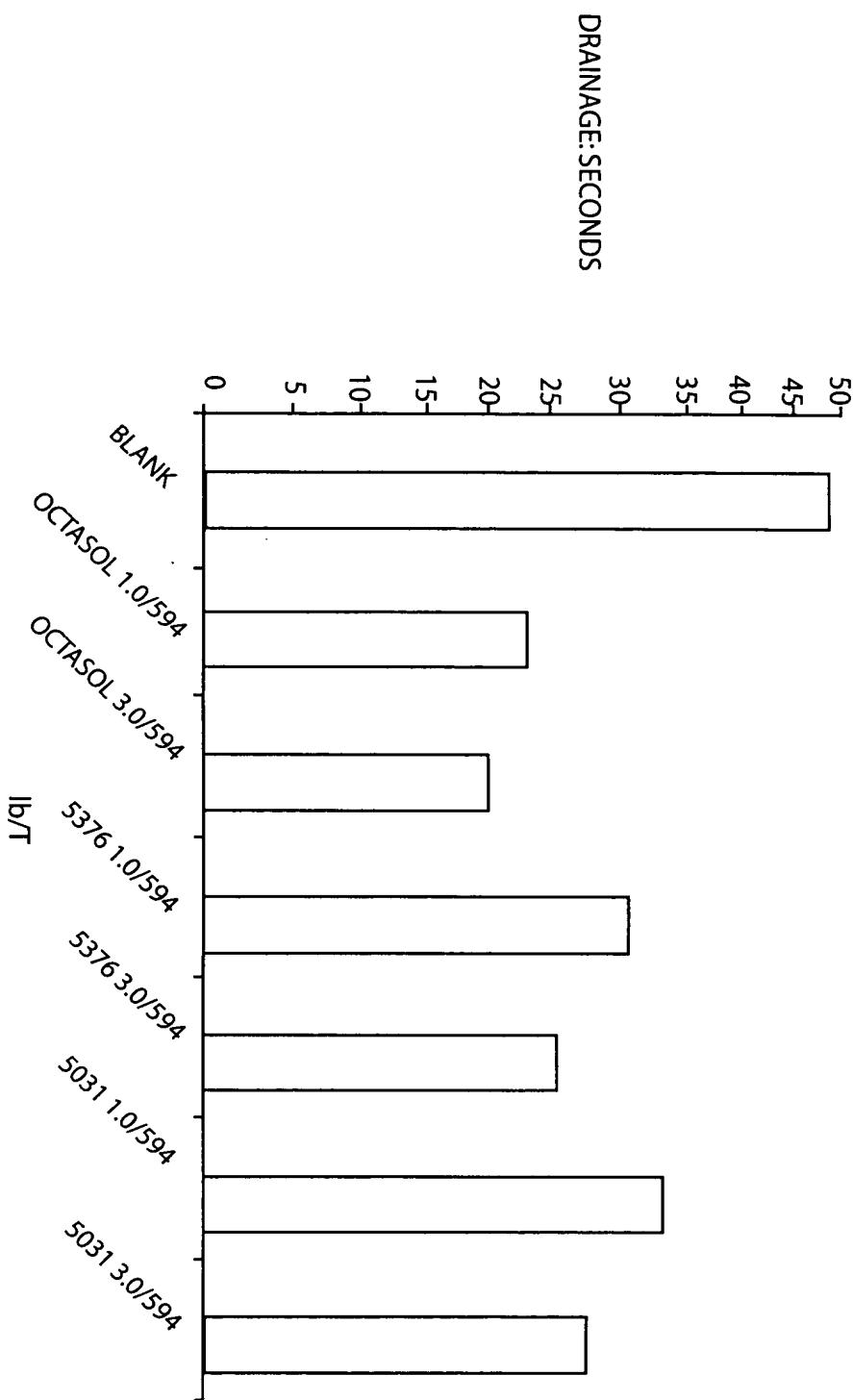


FIG. 8



20% HARD WHITES  
40% MANFOLD WHITE LEDGER  
40% HOGGED (TABLOID NEWS)  
CATIONIC DEMAND - 0.6 meq/l  
pH - 7.9

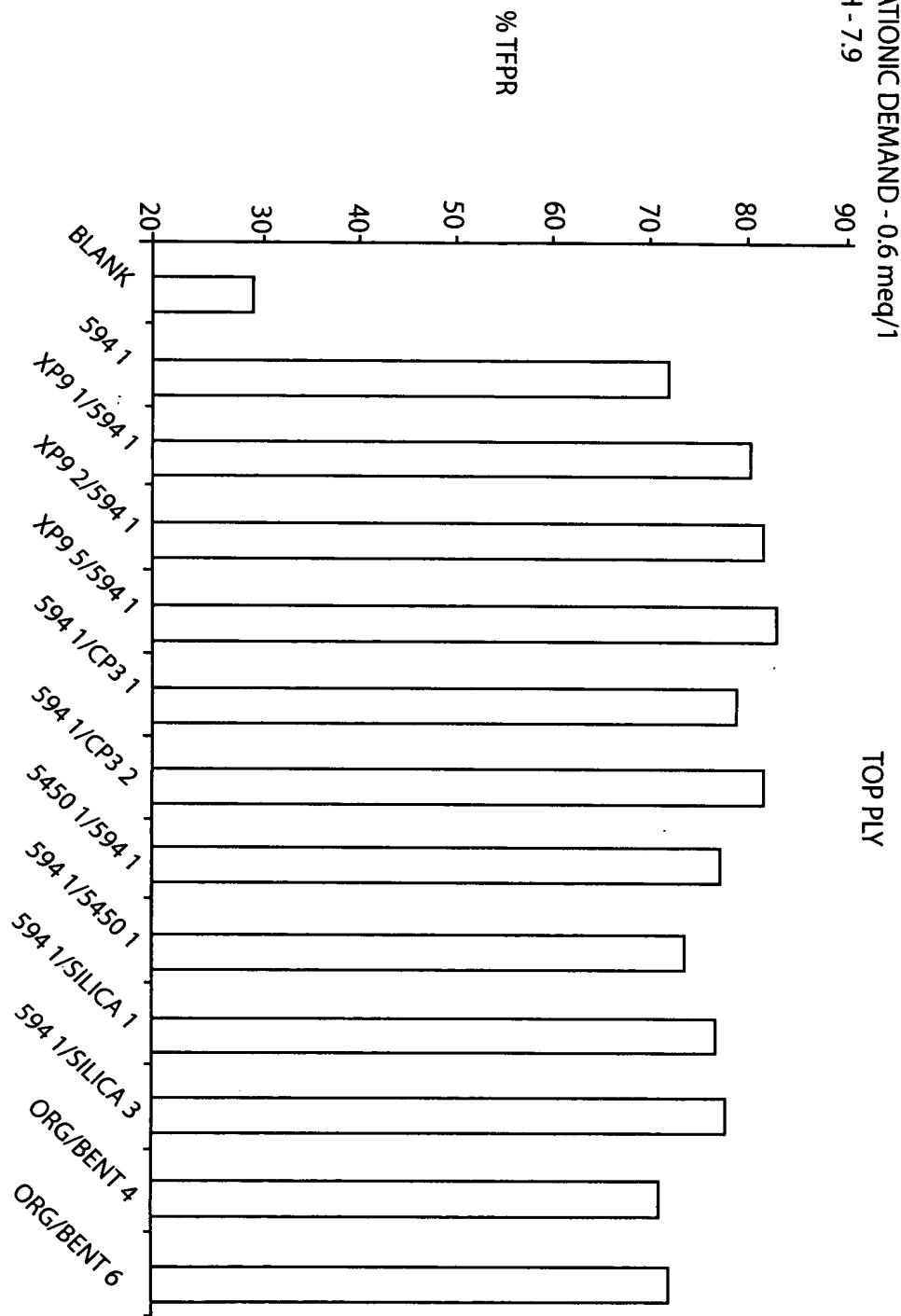
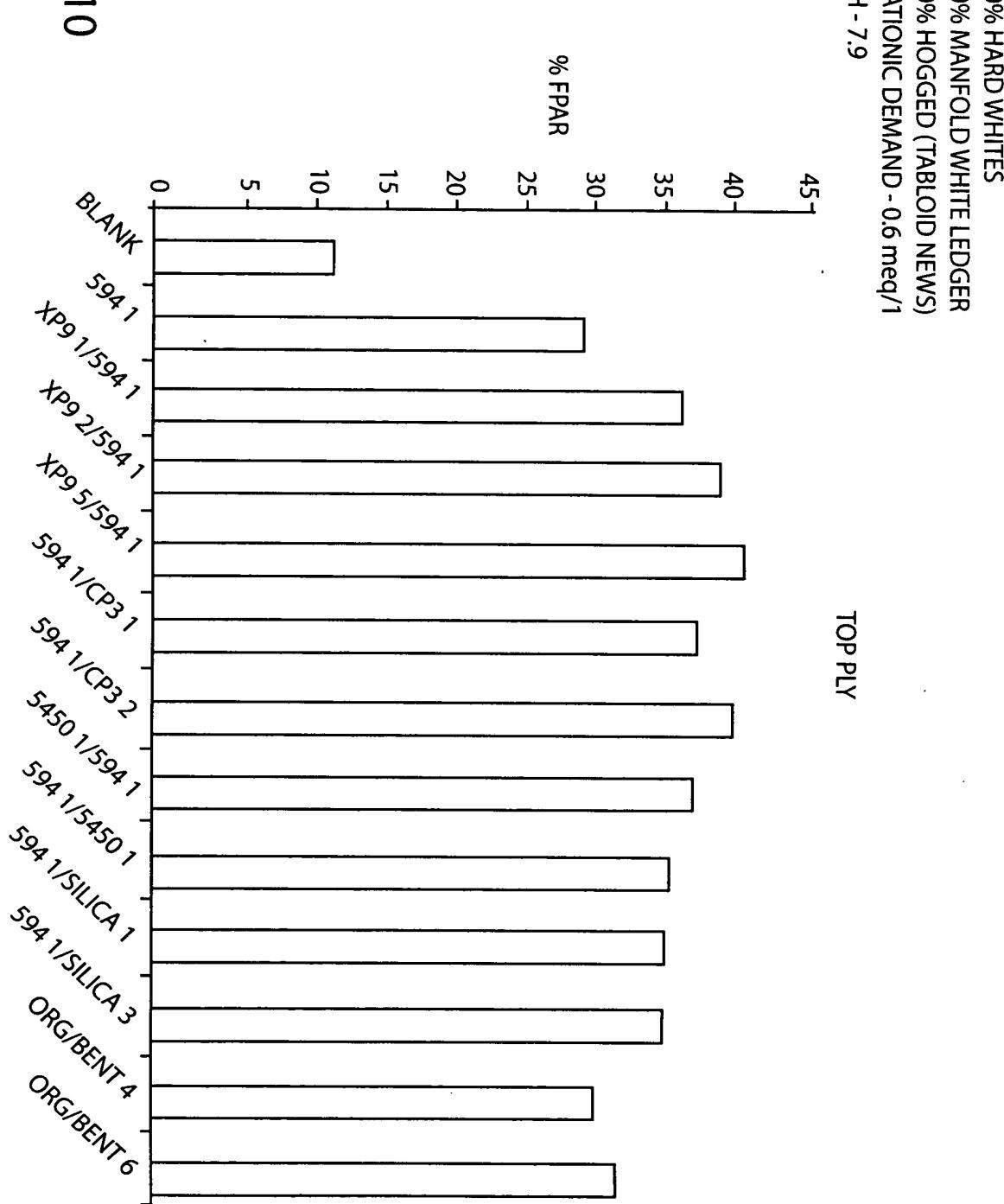


FIG. 9

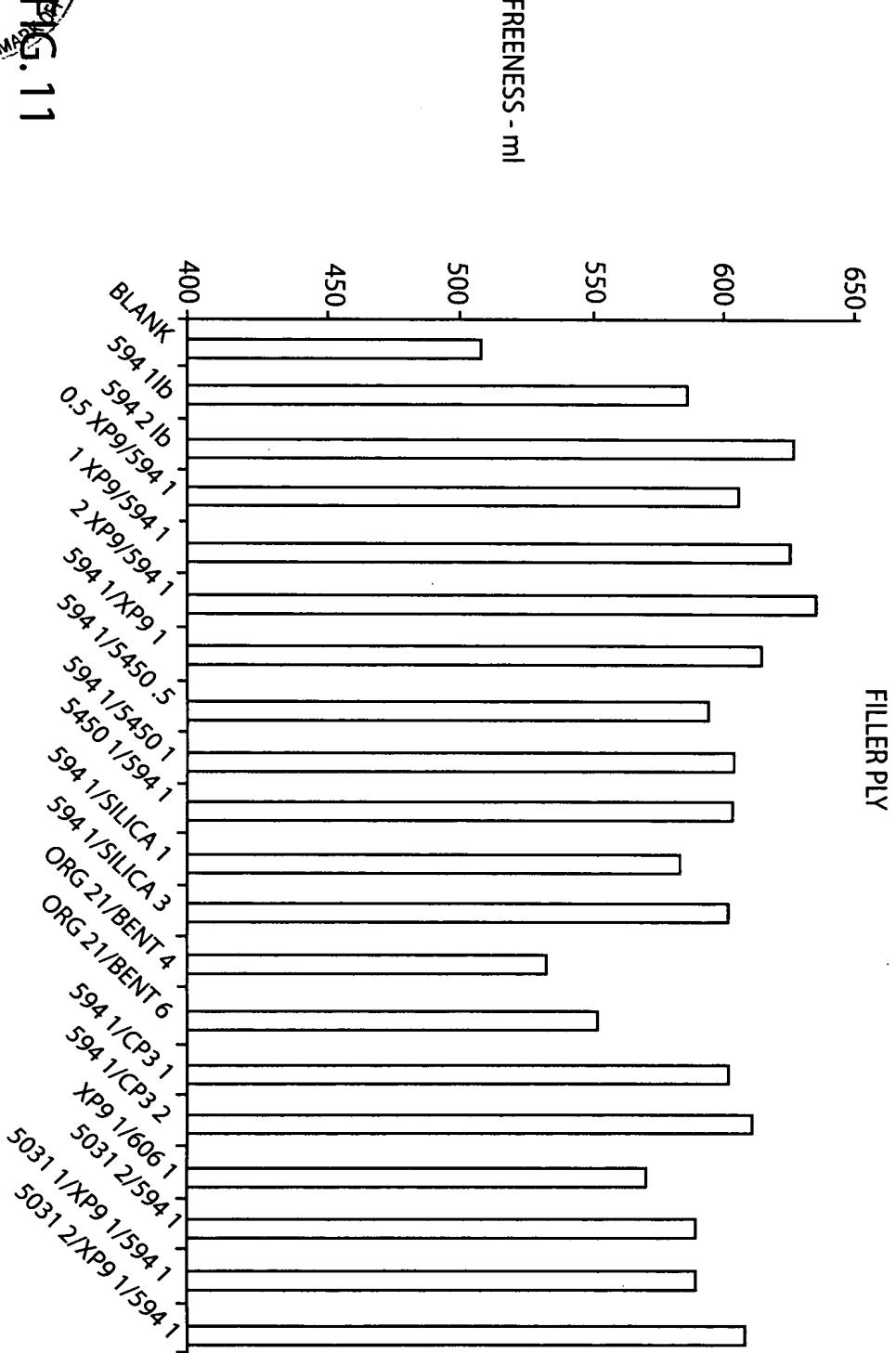


FIG. 10



C I P E JC34 10/94  
JUN 14 2004  
TRADEMARKS  
HPC. 11

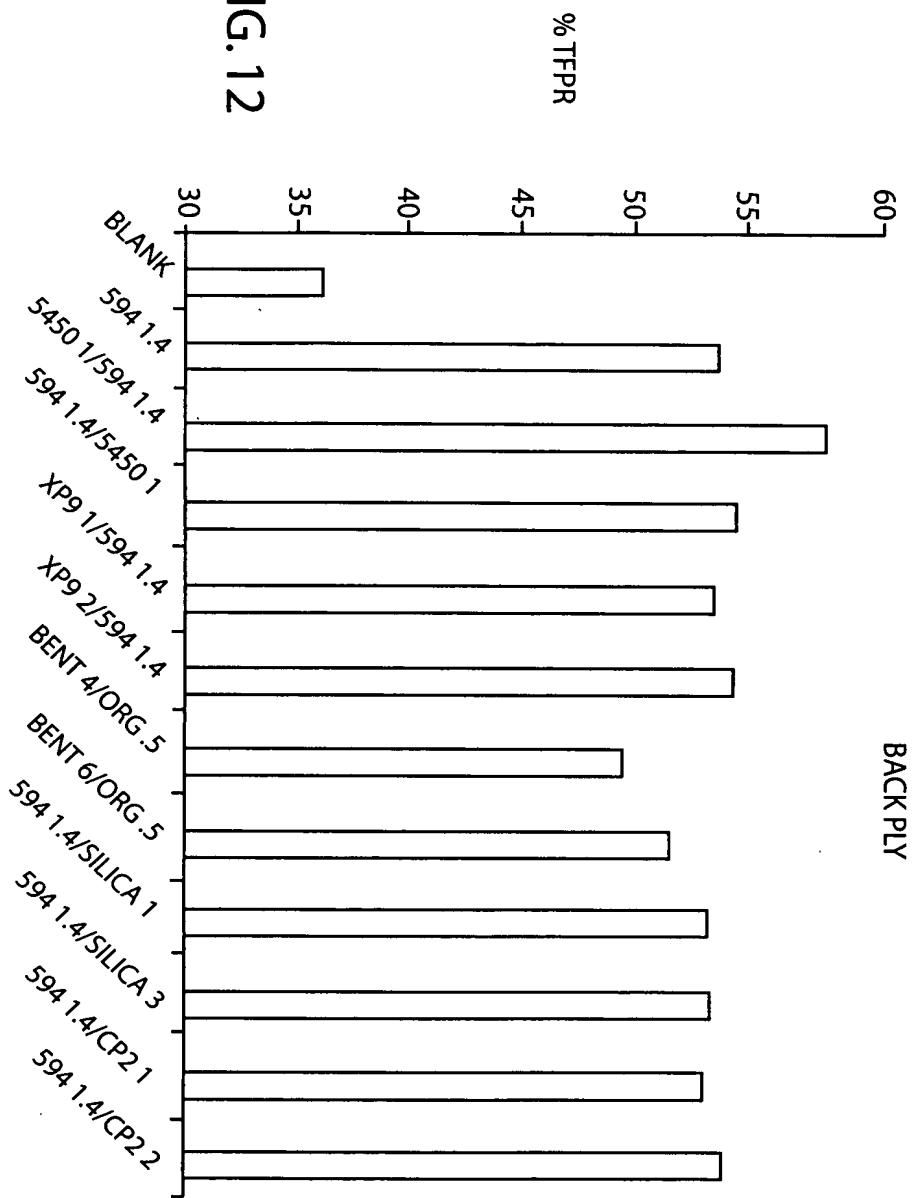
30 % CORRUGATED  
60 % BOX  
10 % ONP  
pH - 7.4  
CATIONIC DEMAND - 4 meq/L





100 % ONP  
pH - 7.85  
CATIONIC DEMAND - .55 meq/L

FIG. 12





15.5 % KRAFT BLEND  
36.8 % Mgo HWD  
38.9 % FIR  
8.8 % BROKE  
CONDUCTIVITY: 1046  
pH - 8.6  
ASA - 2.1 lb/T  
PCC - 280 lb/T

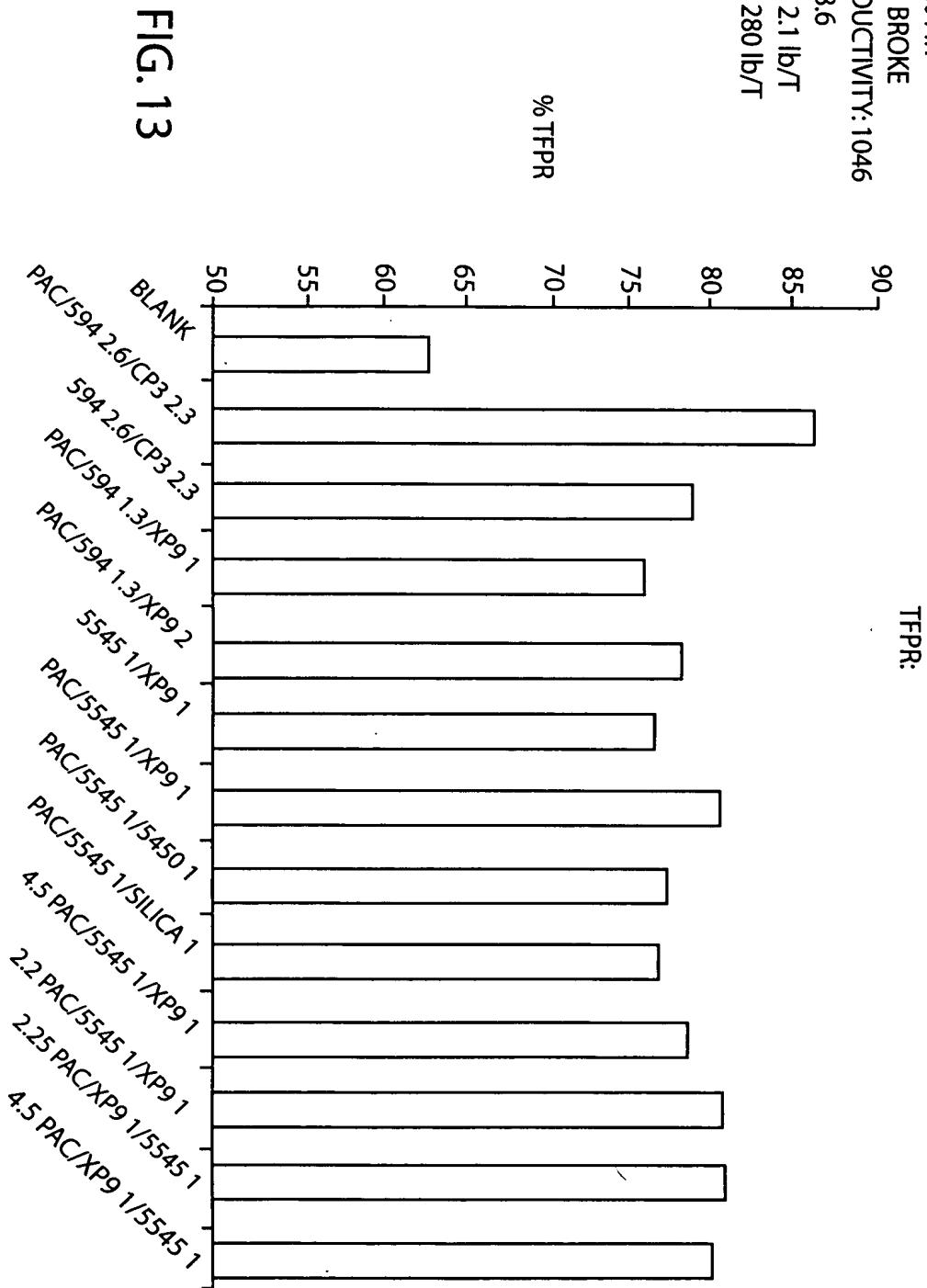
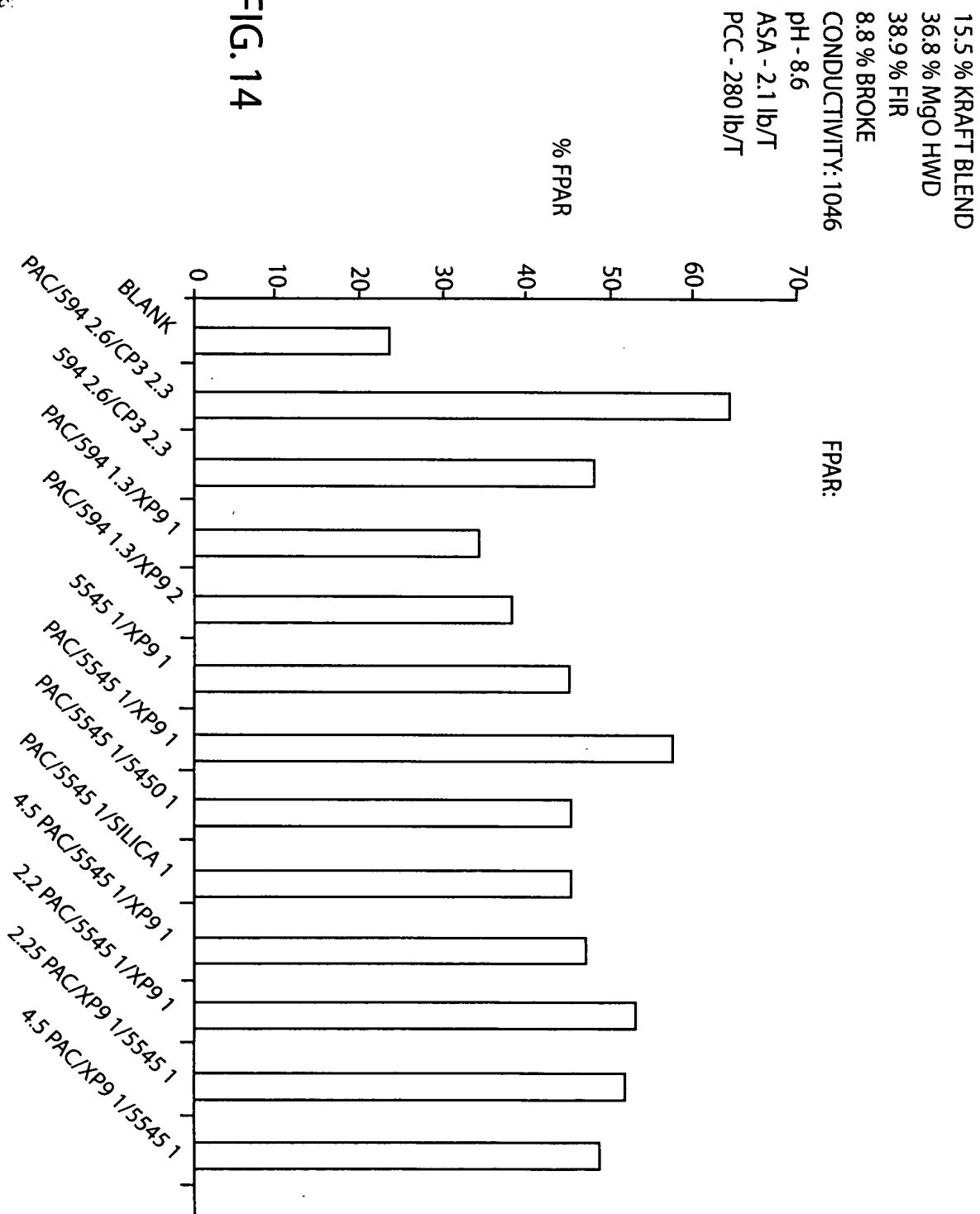


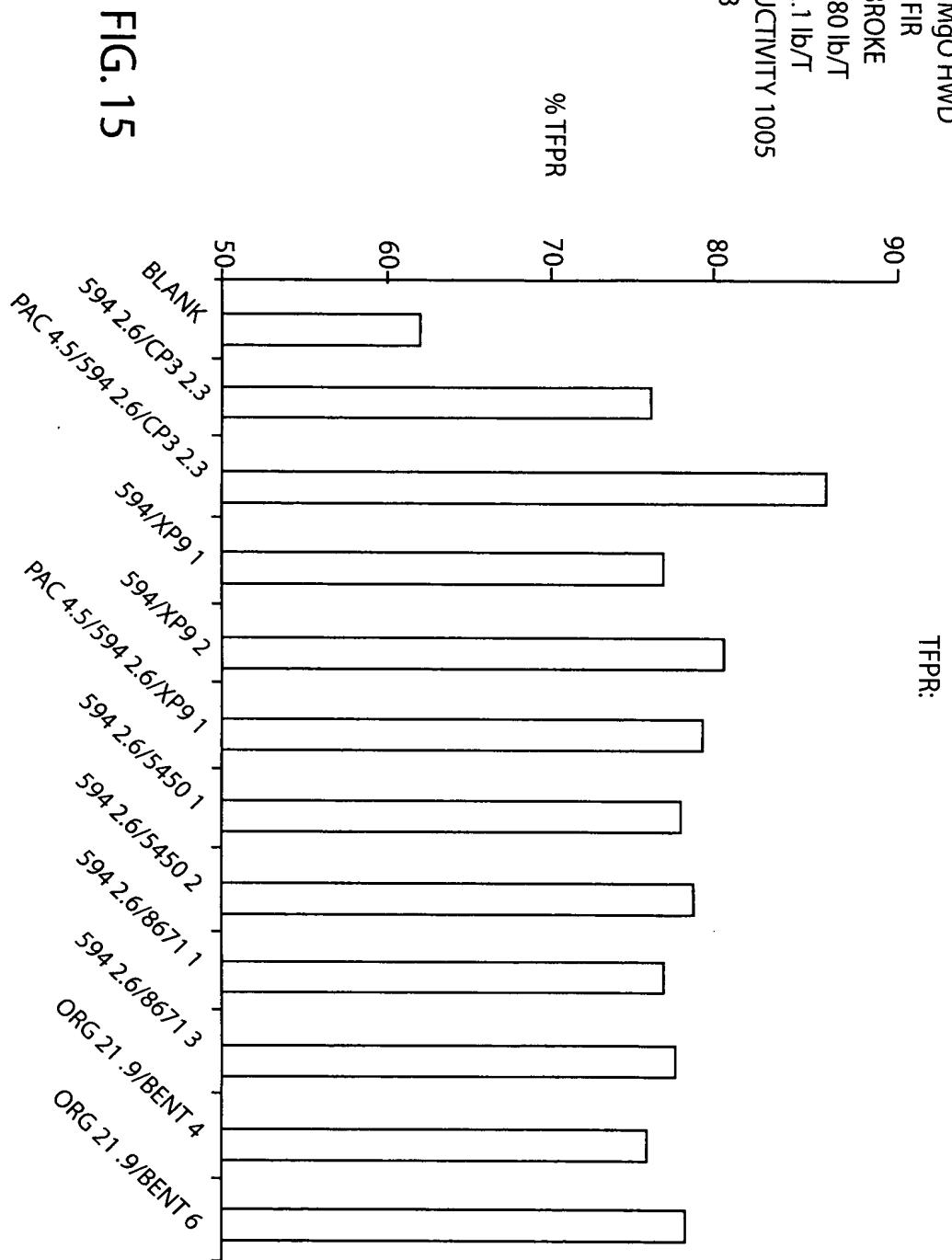


FIG. 14

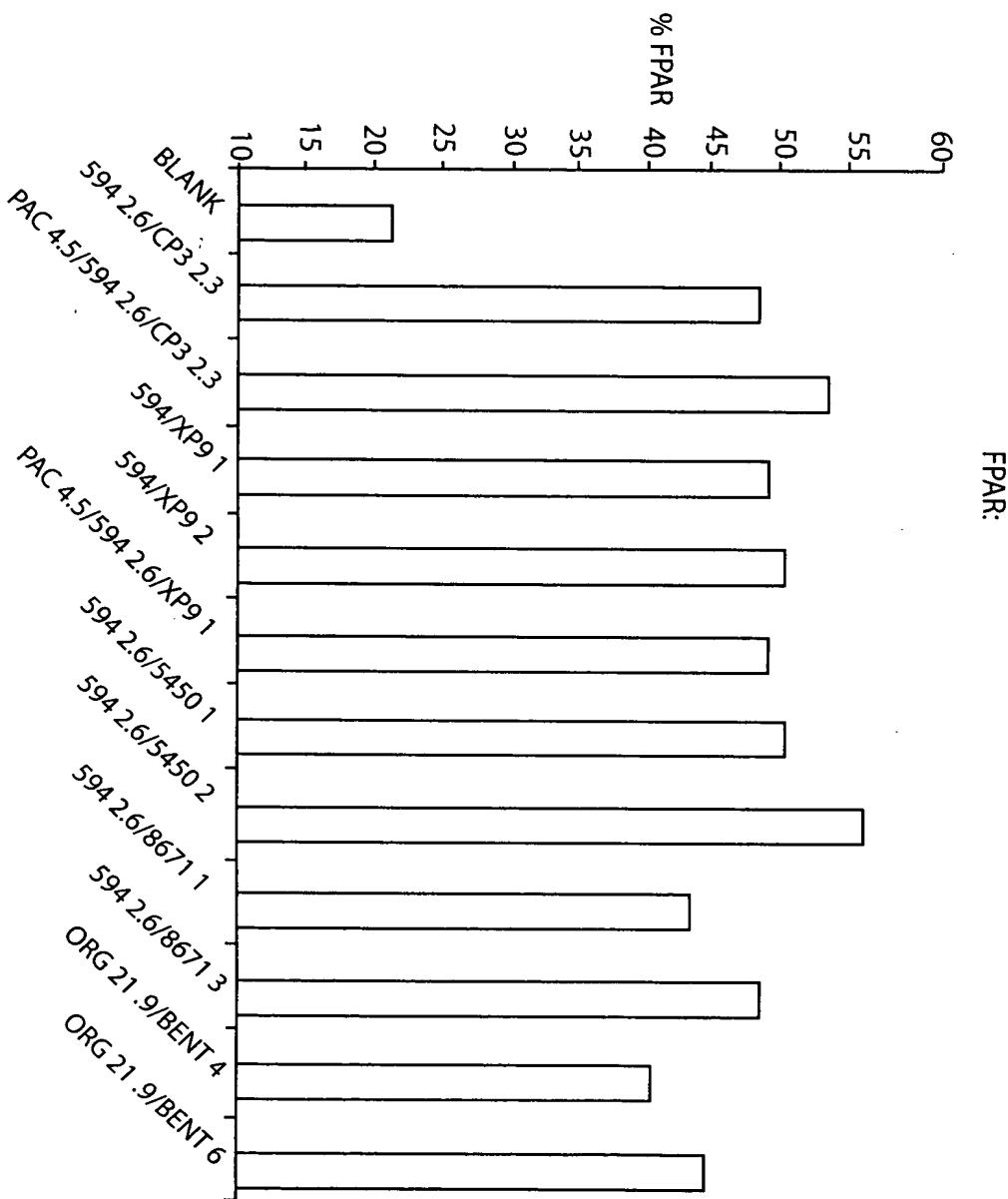


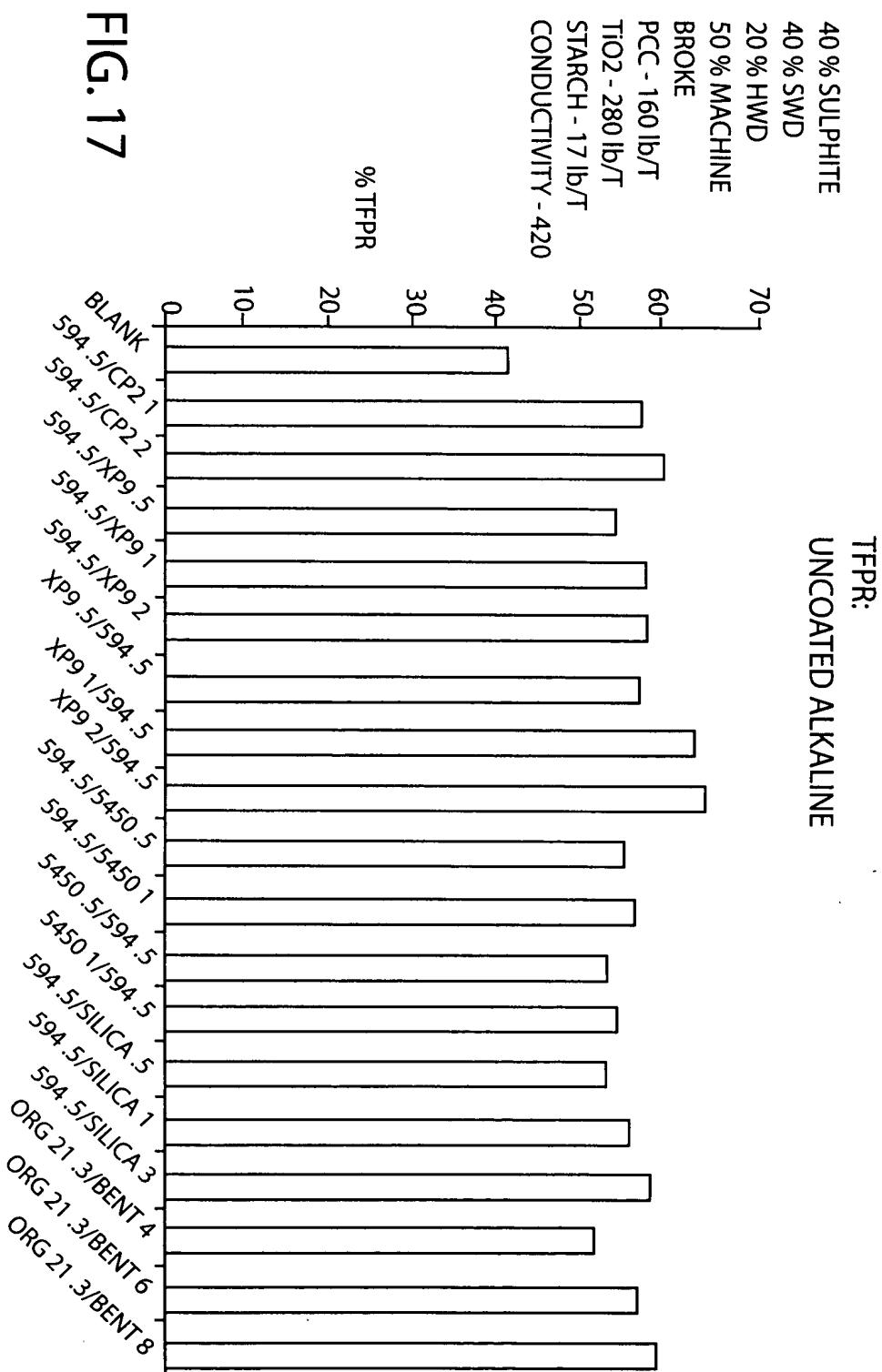


15.5 % KRAFT BLEND  
36.8 % MgO HWD  
38.9 % FIR  
8.8 % BROKE  
PCC - 280 lb/T  
ASA - 2.1 lb/T  
CONDUCTIVITY 1005  
pH - 8.3



O I P E JC3A  
JUN 14 2004  
PATENT & TRADEMARK OFFICE  
15.5 % KRAFT BLEND  
36.8 % MgO HWD  
38.9 % FIR  
8.8 % BROKE  
PCC - 280 lb/T  
ASA - 2.1 lb/T  
CONDUCTIVITY 1005  
pH - 8.3







40 % SULPHITE  
40 % SWD  
20 % HWD  
50 % MACHINE

FPAR:  
UNCOATED ALKALINE

BROKE  
PCC - 160 lb/T  
TiO<sub>2</sub> - 280 lb/T  
STARCH - 17 lb/T  
CONDUCTIVITY - 420  
pH - 8.5

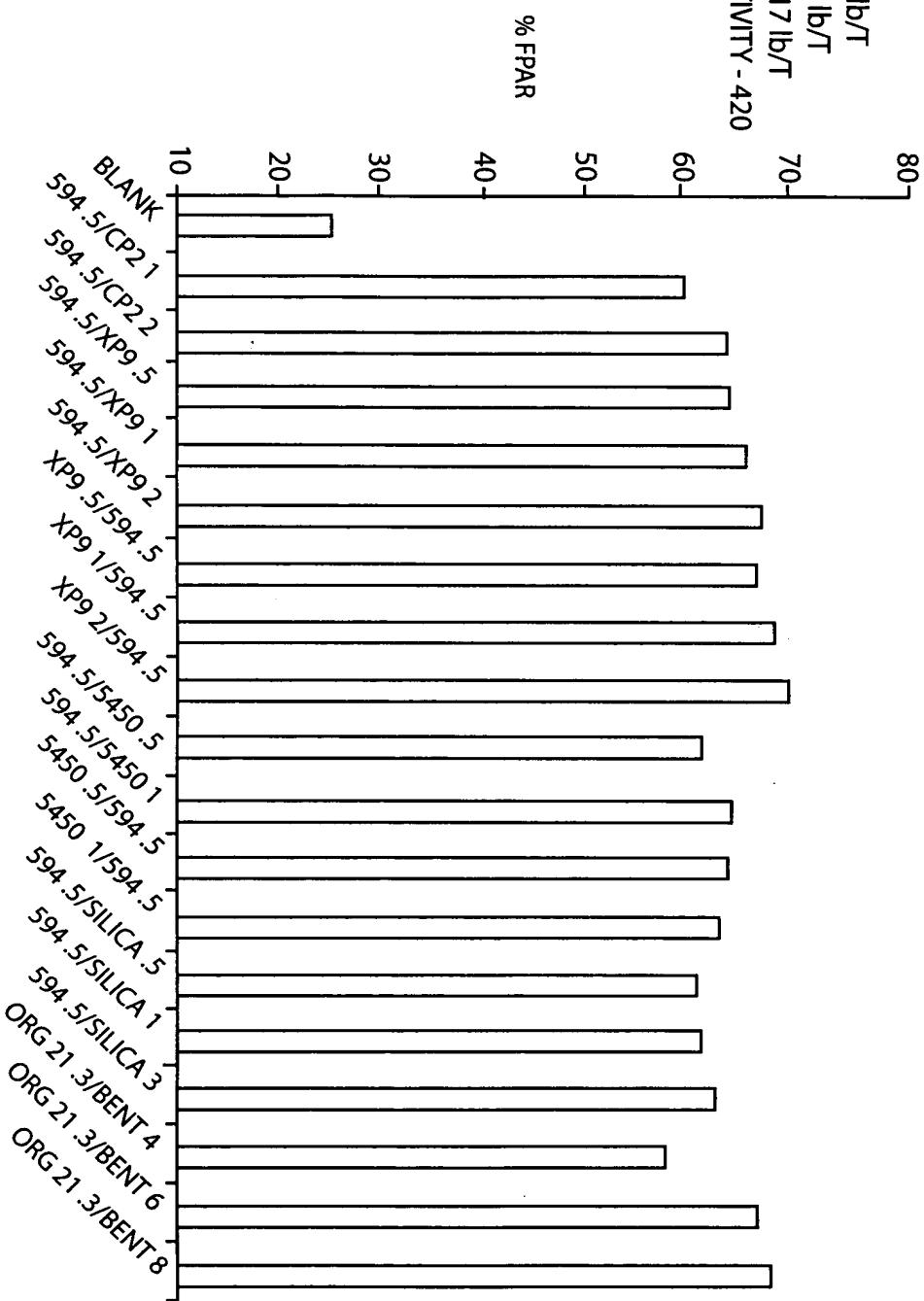
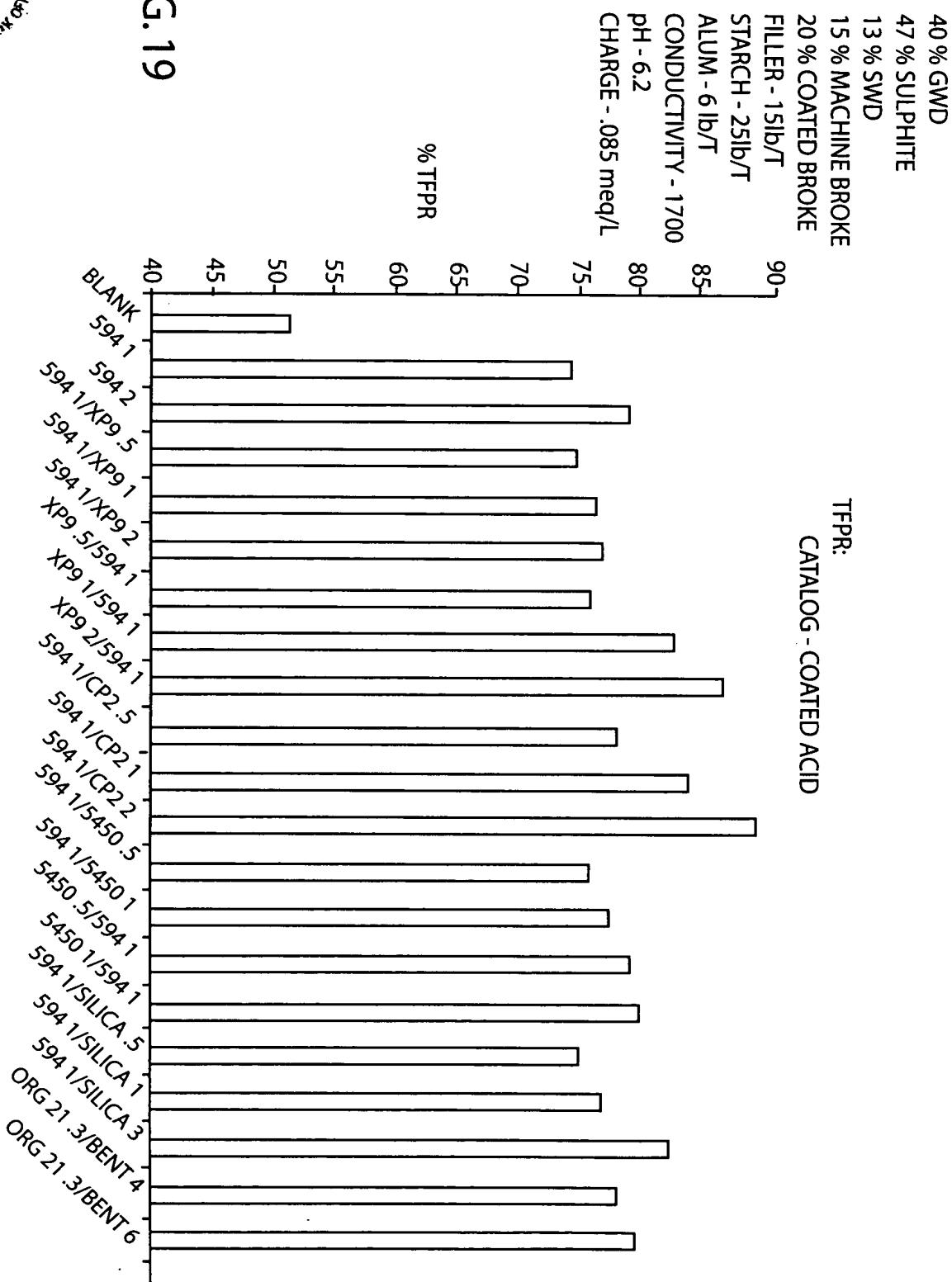


FIG. 18



FIG. 19



O P E J C 3 A J U 3 A  
JUN 14 2005  
PATENT & TRADEMARK OFFICE

40 % GWD  
47 % SULPHITE  
13 % SWD  
15 % MACHINE BROKE  
20 % COATED BROKE  
FILLER - 15 lb/T  
STARCH - 25 lb/T  
ALUM - 6 lb/T  
CONDUCTIVITY - 1700  
pH - 6.2  
CHARGE - .085 meq/L

FPAR:  
CATALOG - COATED ACID

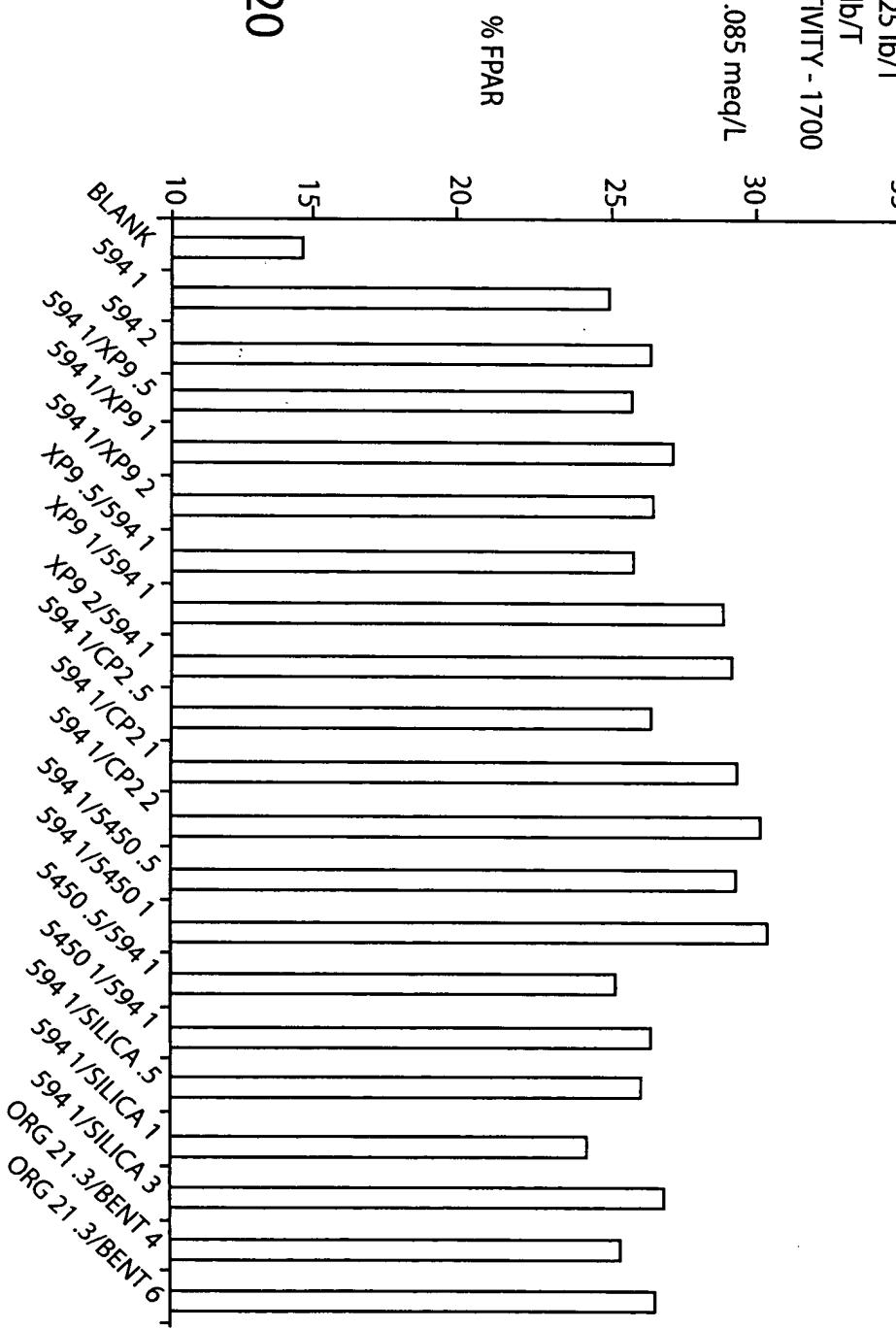
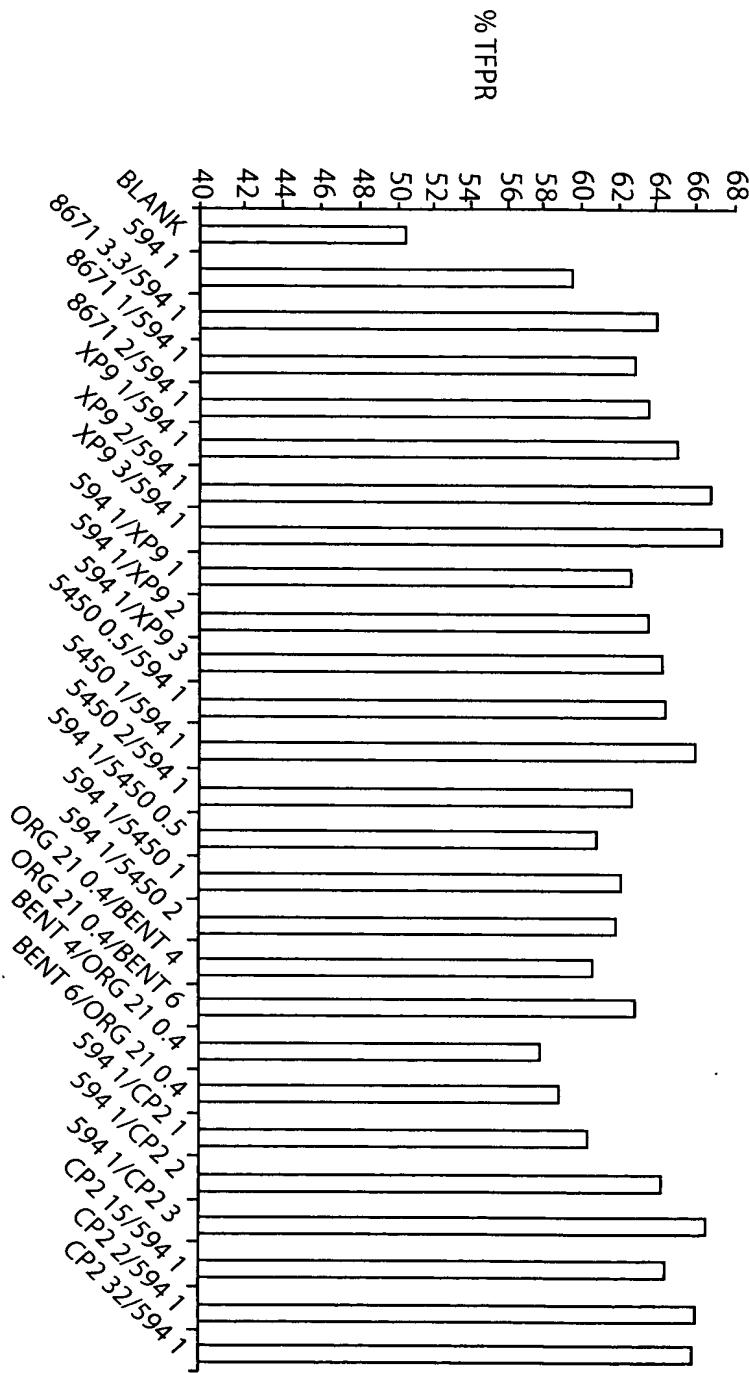


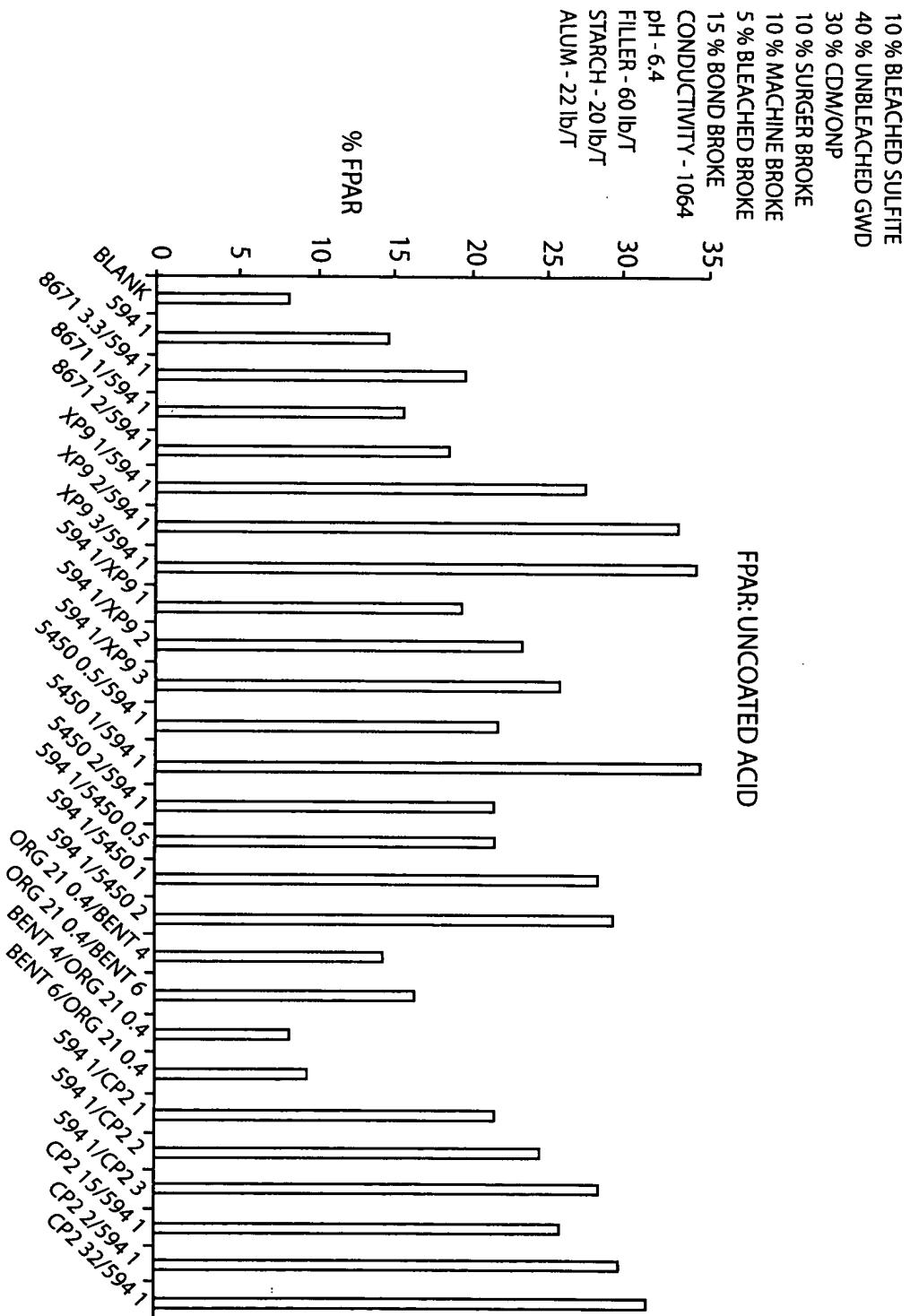


FIG. 21





O I P E JUN 14 2003  
JC34 10/1501  
PATENT & TRADEMARK OFFICE



**FIG. 23**

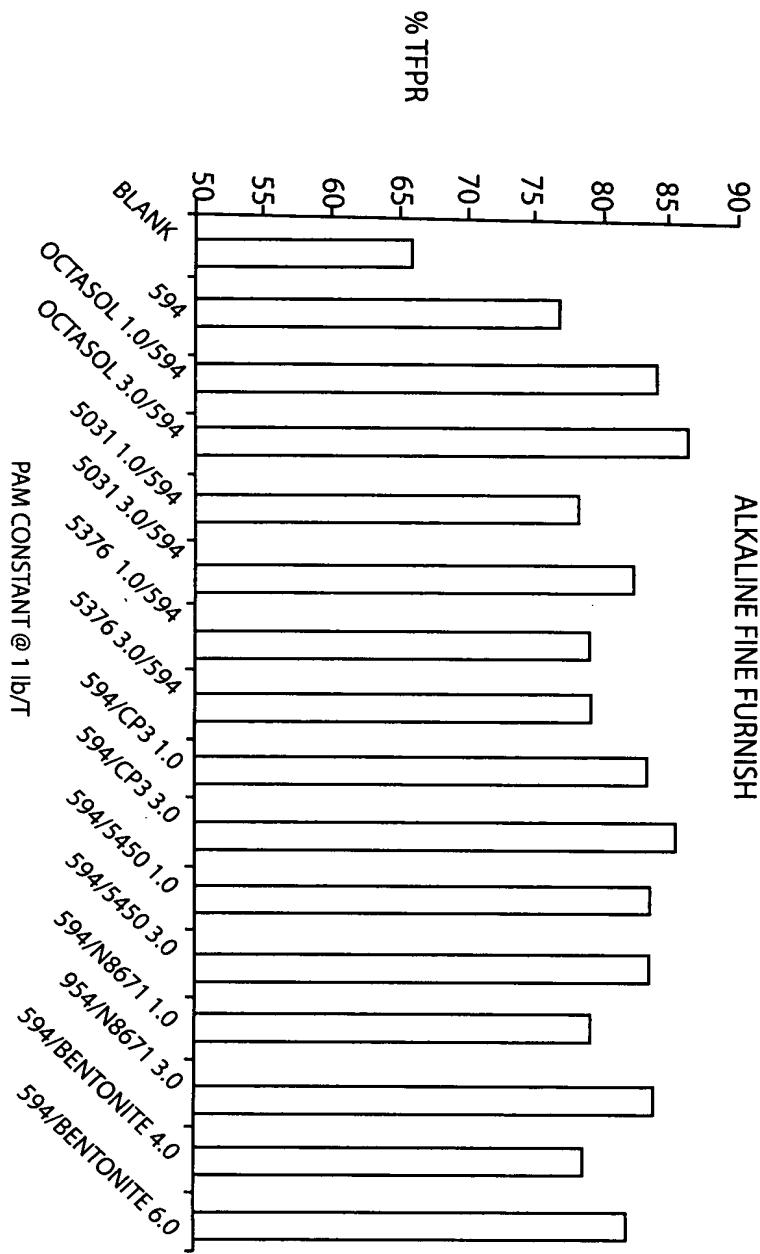


FIG. 24

OCTASOL TESTING:TFPR

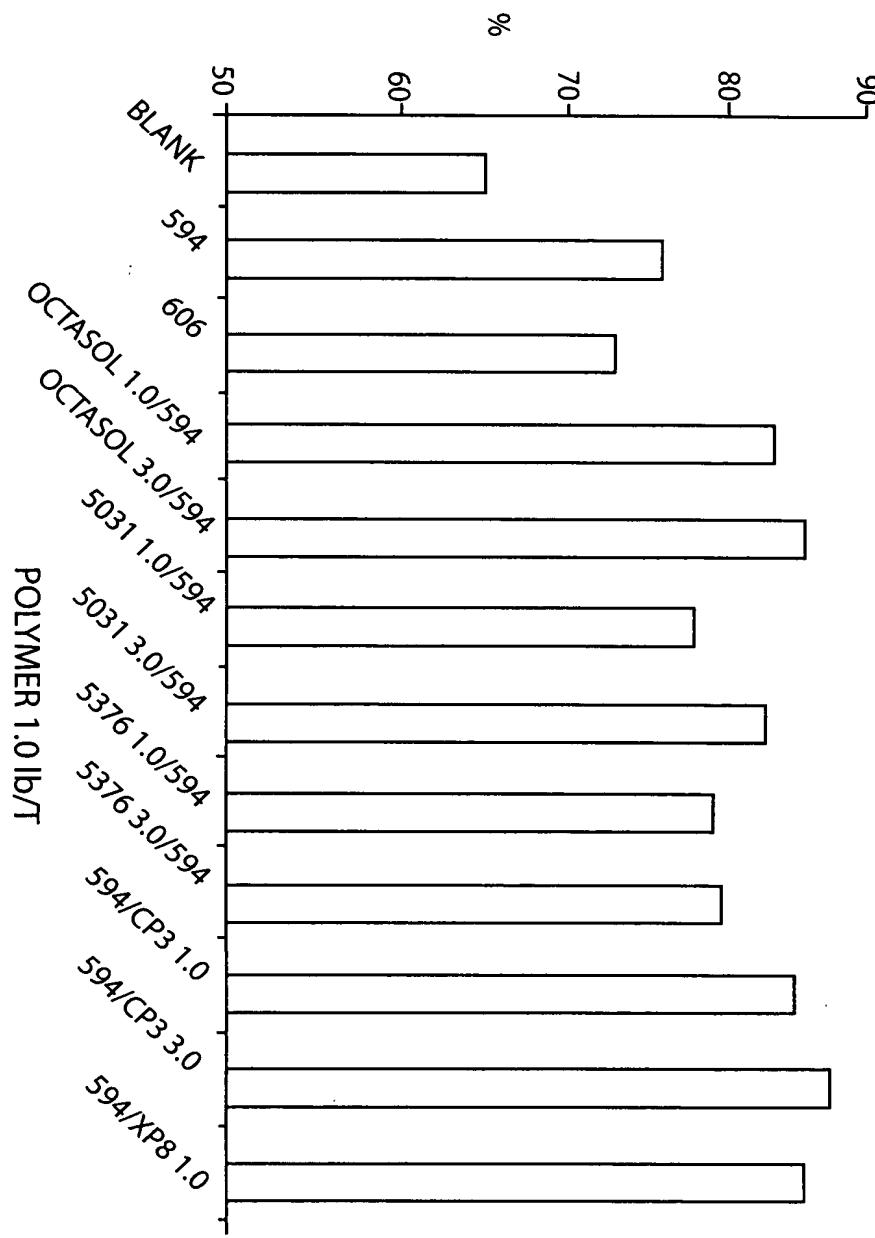


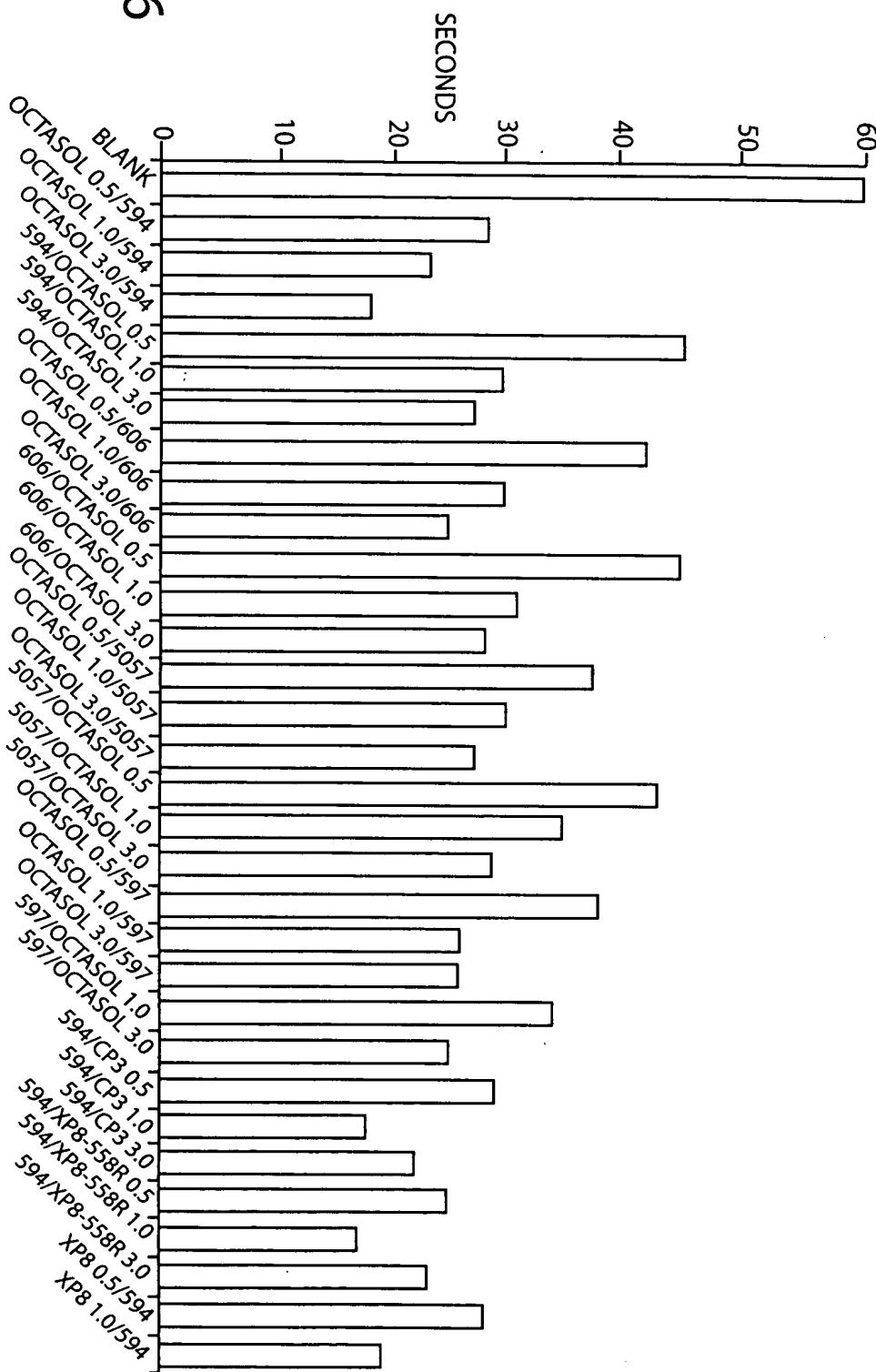
FIG. 25





FIG. 26

OCTASOL TESTING: DRAINAGE 400 ml



POLYMER 1.0 lb/T